

**Lista publikacji**  
z dnia 31 października 2013

**Publikacje w czasopismach**

1. Anuszkiewicz A., Urbańczyk W., 2013, **Transmission characteristics of rocking filters with different birefringence dispersion and structural parameters**, Journal of Optics **15**(12): 25715-1 - 125715-9
2. Anuszkiewicz A., Martynkien T., Mergo P., Makara M., Urbanczyk W., 2013, **Sensing and transmission characteristics of a rocking filter fabricated in a side-hole fiber with zero group birefringence**, Optics Express **21**(10): 12657-12667
3. Anuszkiewicz A., Statkiewicz-Barabach G., Borsukowski T., Olszewski J., Martynkien T., Urbanczyk W., Mergo P., Makara M., Poturlaj K., Geernaert T., Berghmans F., Thienpont H., 2012, **Sensing characteristics of the rocking filters in microstructured fibers optimized for hydrostatic pressure measurements**, Optics Express **20**(21): 23320-23330
4. Carvalho J. P., Anuszkiewicz A., Statkiewicz-Barabach G., Baptista J. M., Frazao O., Mergo P., Santos J. L., Urbańczyk W., 2012, **Long period gratings and rocking filters written with a CO<sub>2</sub> laser in highly-birefringent boron-doped photonic crystal fibers for sensing applications**, Optics Communications **285**(3): 264-268
5. Martynkien T., Statkiewicz-Barabach G., Olszewski J., Wojcik J., Mergo P., Geernaert T., Sonnenfeld C., Anuszkiewicz A., Szczurowski M. K., Tarnowski K., Makara M., Skorupski K., Klimek J., Poturaj K., Urbanczyk W., Nasilowski T., Berghmans F., Thienpont H., 2010, **Highly birefringent microstructured fibers with enhanced sensitivity to hydrostatic pressure**, Optics Express **18**(14): 15113-15121
6. Martynkien T., Anuszkiewicz A., Statkiewicz-Barabach G., Olszewski J., Golojuch G., Szczurowski M., Urbańczyk W., Wójcik J., Mergo P., Makara M., Nasilowski T., Berghmans F., Thienpont H., 2009, **Birefringent photonic crystal fibers with zero polarimetric sensitivity to temperature**, Applied Physics B **94**(4): 635-640
7. Martynkien T., Szpulak M., Statkiewicz-Barabach G., Olszewski J., Anuszkiewicz A., Urbańczyk W., Schuster K., Kobelke J., Schwuchow A., Kirchhof J., Bartelt H., 2008, **Birefringence in microstructure fiber with elliptical GeO<sub>2</sub> highly doped inclusion in the core**, Optics Letters **33**(23): 2764-2766
8. Statkiewicz-Barabach G., Anuszkiewicz A., Urbańczyk W., Wójcik J., 2008, **Sensing characteristics of rocking filter fabricated in microstructured birefringent fiber using fusion arc splicer**, Optics Express **16**(22): 17249-17257